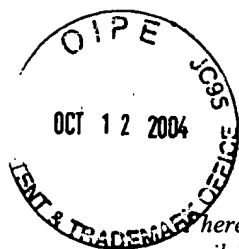


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PATENT

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hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 7, 2004.

Lisa D. Bronk

Applicant : Michael L. Roukes, et al.
Application No. : 09/927,779
Filed : August 9, 2001
Title : ACTIVE NEMS ARRAYS FOR BIOCHEMICAL ANALYSES

Grp./Div. : 1641
Examiner : Ann Y. Lam

Docket No. : 45129/RAG/C766

**INFORMATION DISCLOSURE STATEMENT AND
CERTIFICATION UNDER § 1.97(e)(1)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
October 7, 2004

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B with a listing of references that are known to applicant. Copies of each of the listed references are enclosed.


It is respectfully requested that these references be considered in the examination of this application and identified on the list of references cited on the patent issuing on this application. Applicant also requests that an initialed copy of said FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Application No. 09/927,779

Applicant's undersigned attorney hereby certifies, in accordance 37 CFR § 1.97(e)(1), that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

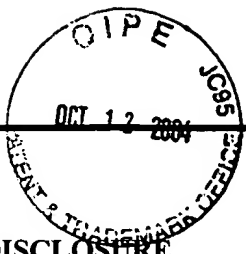
Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 
Robert A. Green
Reg. No. 28,301
626/795-9900

RAG/ldb

Enclosures: PTO/SB/08A/B w/references



FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

45129/RAG/C766

Application Number

09/927,779

Filing Date

August 9, 2001

Applicant(s)

Michael L. Roukes, et al.

Group Art Unit

1641

Examiner Name

Ann Y. Lam

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,282,924	02-01-1994	Bayer, et al.
		5,807,758	09-15-1998	Lee, et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
		WO 98/50773	11-12-1998	Charych, et al.	
		WO 00/58729	10-05-2000	Thundat, et al.	
		WO 01/33226 A1	05-10-2001	Baller, et al.	

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Supplemental European Search Report dated June 15, 2004, European Patent Application No. 01964587
		BASELT, David R., et al., "Biosensor based on force microscope technology", J. Vac. Sci. Technol. B 14(2), Mar/Apr 1996, pgs. 789-793; XP000613363
		LANG, H.P., et al., "An artificial nose based on a micromechanical cantilever array", Analytica Chimica Acta, Vol. 393, March 1999, pgs. 59-65; XP000990018
		FRITZ, J, et al., "Translating Biomolecular Recognition into Nanomechanics", Science, 14 April 2000, pgs. 316-319, Vol. 288; XP000971747

EXAMINER SIGNATURE	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.	

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STATEMENT BY APPLICANT

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Attorney Docket Number

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Ann Y. Lam

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		ROUKES, M.L., "Nanoelectromechanical Systems", November 8, 2000, Technical Digest of the 2000 Solid-State Sensor and Actuator Workshop, 6/4-8/2000, pgs. 1-10; XP002284418
		CRAIGHEAD, H.G., "Nanoelectromechanical Systems", Science, 24 November 2000, pgs. 1532-1535, Vol. 290; XP000941737

**EXAMINER
SIGNATURE**

**DATE
CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

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